

## Claims

1. A traction band for use on a tracked vehicle comprising a plurality of road wheels, said traction band being made of an elastomeric material, having an inner surface which faces  
5 said plurality of road wheels and an outer surface which faces the surface over which the vehicle travels, comprising:
  - a band body;
  - at least one row of lugs which protrude along said inner surface of said traction band;
  - 10 lug reinforcements having a reinforcing portion extending in said lugs and connected to at least one stabilizing portion embedded in said band body.
2. A traction band as claimed in claim 1, wherein said band body comprises main tensile  
15 cords along its circumference and wherein said stabilizing portions are located above said main tensile cords.
3. A traction band as claimed in claim 1, wherein said band body comprises main tensile  
20 cords along its circumference and wherein said stabilizing portions are located under said main tensile cords.
4. A traction band as claimed in claim 1, wherein said reinforcing portion comprises  
longitudinally extending areas.
5. A traction band as claimed in claim 4, wherein said longitudinally extending areas are  
25 parallel planar areas.
6. A traction band as claimed in claim 4, wherein said longitudinally extending areas are  
inclined planar areas connected to each other.
- 30 7. A traction band as claimed in claim 6, wherein each reinforcing portion contains a laterally extending structure which laterally rigidifies said reinforcing portion.

8. A traction band as claimed in claim 7, wherein said laterally extending structure is an embossing on said longitudinally extending areas.

5 9. A traction band as claimed in claim 1, wherein said stabilizing portion is longitudinally extending.

10 10. A traction band as claimed in claim 1, wherein said band body comprises a longitudinally extending central band portion on said traction band and two lateral band portions located on each side of said central band portion.

11. A traction band as claimed in claim 10, wherein said guide lugs are located on said central band portion.

15 12. A traction band as claimed in claim 10, wherein said guide lugs are located on said lateral band portions.

20 13. A traction band as claimed in claim 1, wherein each said lug reinforcement is a rigid plate.

14. A traction band as claimed in claim 13, wherein said plate is a metal plate.

15. A traction band as claimed in claim 13, wherein said plate is a plastic plate.

25 16. A traction band as claimed in claim 1, wherein each said lug reinforcement is a plurality of generally parallel cords.

30 17. A traction band as claimed in claim 1, wherein each said lug reinforcement is a plurality of generally parallel rods.

18. A traction band as claimed in claim 1, wherein each said stabilizing portion comprises v-shaped extremities.

19. A traction band, as claimed in claim 1, wherein said stabilizing portions are laterally  
5 wider than said reinforcing portions.

20. A traction band, as claimed in claim 1, wherein the surface of said road wheels which  
faces said inner surface is positioned over said stabilizing portion.